Index of Claims

Alyson M. Merlino

10/560,254

Examiner

Applicant(s)/Patent under Reexamination

0

VAUCHEL, GUY BERNARD

Art Unit

3676

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√ Rejected
= Allowed

(Through numeral)
 Cancelled

Restricted

Non-Elected

I Interference

A Appeal

Objected

| Claim Date |          |              |          |          |          |          | $\neg$   | Claim Date |          |          |  |          |  |          | 7        | Claim Date |          |          |          |          |          |  |            | $\neg$   |          |  |  |                |                    |                    |          |
|------------|----------|--------------|----------|----------|----------|----------|----------|------------|----------|----------|--|----------|--|----------|----------|------------|----------|----------|----------|----------|----------|--|------------|----------|----------|--|--|----------------|--------------------|--------------------|----------|
|            |          | Date         |          |          |          |          |          |            |          |          |  |          |  | Date     |          |            |          |          |          |          |          |  | Date       |          |          |  |  |                |                    |                    |          |
| Final      | Original | 8/14/07      |          |          |          |          |          |            |          |          | Final  | Original |  |          |          |            |          |          |          |          |          | Final  | Original   |          |          |  |  |                |                    |                    |          |
|            | 1        | 1            |          | ヿ        |          |          |          |            | $\neg$   | _        |  | 51       |  |          | $\Box$   |            | ヿ        | ヿ        | T        |          | 7        |  | 101        |          | 1        | Т                                      |  | П              | $\neg$             | 一                  |          |
|            | 2        | 1            |          |          |          |          |          |            | 一        | $\neg$   |  | 52       |  |          |          |            | 寸        |          |          |          | ┑        |  | 102        |          | Τ        | Т                                      |  |                | $\neg$             |                    |          |
|            | 3        | 1            | П        |          |          |          |          | $\neg$     | $\neg$   |          |  | 53       |  |          |          |            |          | 寸        | 寸        |          |          |  | 103        |          | 1        | 1                                      |  |                | コ                  | 一                  | Π        |
|            | 4        | 1            |          |          |          |          |          |            |          |          |  | 54       |  |          |          |            |          |          |          |          | 7        |  | 104        |          | T        | Т                                      |  |                |                    |                    |          |
|            | 5        | 1            |          |          |          |          |          |            |          |          |  | 55       |  |          |          |            |          |          |          |          |          |  | 105        |          |          | П                                      |  | П              | $\Box$             |                    |          |
|            | 6        | 1            |          |          |          |          |          |            |          |          |  | 56       |  |          |          |            |          |          |          |          |          |  | 106        |          |          |  |  |                | П                  | П                  |          |
|            | 7        | 1            |          |          |          |          |          |            |          |          |  | 57       |  |          |          |            |          |          |          |          |          |  | 107        |          |          |  |  |                |                    |                    |          |
|            | 8        | 1            |          |          |          |          |          |            |          |          |  | 58       |  |          |          |            |          |          |          |          |          |  | 108        |          |          |  |  |                |                    |                    |          |
|            | 9        | 1            | Ш        |          |          |          |          |            |          |          |  | 59       |  |          |          |            |          |          |          |          |          |  | 109        |          |          |  |  |                |                    |                    |          |
|            | 10       | 1            | Ш        | _        |          |          |          |            | _        | _        |  | 60       |  |          |          |            |          | _        |          |          | _        |  | 110        |          |          |  |  |                |                    |                    |          |
|            | 11       | 1            |          |          |          |          |          |            | _        | _        |  | 61       |  |          |          |            | $\Box$   | $ \bot $ | $\perp$  |          | _        |  | 111        |          | $\perp$  | <u> </u>                               |  |                |                    |                    |          |
|            | 12       | 1            | Ш        |          |          | $\Box$   |          | Ш          | $ \bot $ | _        |  | 62       |  |          |          | $\perp$    |          | $\perp$  |          | $\bot$   | _        |  | 112        |          |          |  |  | $\Box$         | $oxedsymbol{oxed}$ | $oldsymbol{\perp}$ |          |
| <u></u>    | 13       | 1            | Ш        |          |          | $\Box$   |          | Ш          |          | _        | <u></u>  | 63       |  | Ш        | $\Box$   |            | _        | $\perp$  |          |          | _        |  | 113        |          |          |  |  | $\Box$         |                    |                    |          |
| ļ          | 14       | 1            | Щ        | _        |          | _        |          |            | _        | _        |  | 64       | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |          |            |          | _        | _        |          | _        |  | 114        |          | _        | 丄                                      |  |                | Ш                  | $\perp$            |          |
|            | 15       | _            | Щ        | _        |          |          |          | $\Box$     |          | _        | <u></u>  | 65       |  |          |          | _          | _        | _        | _        | $\perp$  | _        |  | 115        |          | <u> </u> | _                                      | ╙  | Ш              | Щ                  |                    |          |
| ļ          | 16       | _            | Ш        |          |          |          | _        |            | _        | _        |  | 66       | _  |          | $\Box$   | _          | _        | _        | 4        | _ _      |          |  | 116        | $\perp$  | ┸        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ |  |                | Ш                  | $\dashv$           |          |
| <u></u>    | 17       | _            | Ц        | _        |          |          |          |            |          | _        |  | 67       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$          | _        | _        | _          |          | 4        | _        | _        | _        |  | 117        |          | ╙        |  | _  | Ш              |                    |                    |          |
| <u> </u>   | 18       |              | Ш        | _        |          |          | _        | $\dashv$   | _        | _        |  | 68       | _  |          |          | _          | _        | 4        | 4        | _        | 4        |  | 118        |          | $\bot$   |  |  | Ш              |                    | $\dashv$           |          |
| <u></u>    | 19       | <u> </u>     |          | _        | _        |          |          |            | _        | _        | ļ  | 69       |  |          | $\Box$   | _          | _        | _        | 4        | _        | 4        |  | 119        | $\perp$  | $\perp$  | <u> </u>                               | <u> </u>   | Ш              | $\perp$            | $\dashv$           |          |
| L          | 20       | <u> </u>     | Ш        | _        |          |          | $\Box$   | Ц          | _        | _        |  | 70       |  |          |          | _          |          | _        | _        | _        |          | <u></u>  | 120        | $\perp$  | ╄        | 丄                                      | L  |                | $\dashv$           | $\perp$            | _        |
| <u></u>    | 21       |              | Ш        | _        | _        | $\Box$   |          | _          | _        |          |  | 71       |  | _        |          | 4          | _        | _        | _        |          | _        |  | 121        |          | <u> </u> | <u> </u>                               | <u> </u>   | Ш              | _                  | $\dashv$           | _        |
| ļ          | 22       | _            | Щ        |          | _        | $\dashv$ |          |            | _        | _        |  | 72       |  |          | $\dashv$ | _          | _        | _        | $\dashv$ | _        | _        |  | 122        | $\perp$  | $\perp$  | ┞                                      | <u> </u>   | Щ              | _                  | $\dashv$           | _        |
| <u></u>    | 23       | <u> </u>     | Ш        | _        | _        | $\dashv$ |          | $\Box$     | _        |          | L  | 73       |  | $\Box$   |          | _          | _        | _        | 4        | _        | _        |  | 123        |          | ╄        | _                                      | <u> </u>   | Ш              | $\dashv$           | _                  | _        |
|            | 24       | <u> </u>     | Ш        | _        |          | _        | _        | Н          | _        | _        |  | 74       |  |          |          |            | _        | _        | $\dashv$ |          | 4        |  | 124        |          | ╄        | ╙                                      | <u> </u>   | Ш              |                    | _                  |          |
|            | 25       |              | $\vdash$ | 4        | -        |          |          |            | _        |          |  | 75       |  | $\dashv$ | _        | _          |          | -        | _        | _        | 4        |  | 125        |          | ╄        | ┡                                      | _  |                |                    | _                  |          |
| -          | 26       | <u> </u>     |          |          | $\dashv$ |          | -        | -          |          | _        |  | 76       |  | $\dashv$ | _        | _          | _        |          | -        | 4        | 4        |  | 126        | _        | ╄        | ┡                                      | _  | Ш              | _                  | -                  | _        |
|            | 27       | _            | Н        |          |          |          | $\dashv$ | $\dashv$   |          | _        | -  | 77       |  | _        | 4        | _          | _        |          | $\dashv$ | 4        | 4        |  | 127        |          | $\bot$   | $\vdash$                               |  |                | $\dashv$           | $\dashv$           | _        |
|            | 28       | _            | $\vdash$ |          | {        |          |          | $\dashv$   |          |          | -  | 78       | _  | $\dashv$ | $\dashv$ | -          | -        | -        | -        | -        | 4        |  | 128        | $\perp$  | ╄        | ļ                                      | <u> </u>   |                | $\dashv$           | $\dashv$           | _        |
| <u> </u>   | 29<br>30 | <del> </del> | Н        | $\dashv$ | -        |          | $\dashv$ | $\dashv$   |          |          | _  | 79       | _  | -        | $\dashv$ | -          | -        | +        | -        | +        | _        |  | 129        |          | $\perp$  | ⊢                                      | _  | Ш              |                    | $\dashv$           | 4        |
| <b></b>    | 31       | _            | $\vdash$ | -        | -        | $\dashv$ | $\dashv$ |            | $\dashv$ | -        | $\vdash$   | 80       |  | $\dashv$ | $\dashv$ | +          | -        | -        | $\dashv$ | +        | 4        |  | 130        |          | ┼        | -                                      | L  | Ш              | $\dashv$           | -                  | 4        |
| -          | 32       | -            | $\vdash$ | -        |          |          | $\dashv$ | $\dashv$   | $\dashv$ | -        |  | 81<br>82 | -  |          | $\dashv$ | +          | -        | -        | $\dashv$ | +        | -        | _  | 131        | -        | ╀        | ⊢                                      | <u> </u>   | Ш              | $\dashv$           | $\dashv$           | 4        |
|            | 33       | _            | Н        | $\dashv$ | $\dashv$ |          | $\dashv$ |            | $\dashv$ | $\dashv$ |  | 83       |  | $\dashv$ | $\dashv$ | -          |          | -        | +        | +        | 4        |  | 132        |          | ┼        | <b>├</b>                               | -  | $\vdash$       |                    | +                  | _        |
|            | 34       | $\vdash$     | $\vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ |            | ᅱ        |          |  | 84       | $\vdash$                                     | $\dashv$ |          | ┥          | +        | $\dashv$ | +        | +        | -        |  | 133<br>134 | -        | ╀        | ╁                                      | ┝  | Н              | $\dashv$           | $\dashv$           | -        |
|            | 35       | $\vdash$     | $\vdash$ | +        |          | -        | ᅱ        | $\vdash$   | $\dashv$ | $\dashv$ | <del>                                     </del> | 85       | H  | $\dashv$ | -        | $\dashv$   | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | -  | 135        |          | +        | ╁                                      | $\vdash$   |                | $\dashv$           | +                  | -        |
|            | 36       | $\vdash$     |          | +        | $\dashv$ |          |          | -          | $\dashv$ | $\dashv$ |  | 86       | $\vdash$                                     | $\dashv$ | $\dashv$ | ┪          | -        | $\dashv$ | +        | +        | -        | -  | 136        |          | +        | ├                                      | $\vdash$   | Н              | $\dashv$           | -                  |          |
|            | 37       |              | $\vdash$ | ᅱ        | -        | -        |          | $\dashv$   | $\dashv$ | $\dashv$ | <b></b>  | 87       | Н  | $\dashv$ | $\dashv$ | -          | -+       | $\dashv$ | +        | +        | $\dashv$ | $\vdash$   | 137        | +        | ╁        | ╁                                      | <del>                                     </del> | $\vdash\vdash$ | $\dashv$           | +                  | -        |
| -          | 38       | $\vdash$     | ┝┯┪      | $\dashv$ | ╛        | $\dashv$ | -        | $\dashv$   | $\dashv$ | $\dashv$ | <b></b>  | 88       | Н  | $\dashv$ | $\dashv$ | $\dashv$   | -        | $\dashv$ | +        | +        | $\dashv$ | $\vdash\vdash$                                   | 138        | $\dashv$ | ╁        | $\vdash$                               | $\vdash$   | $\vdash$       | $\dashv$           | -                  | $\dashv$ |
|            | 39       | <u> </u>     | ┝╌┤      | $\dashv$ | $\dashv$ | $\dashv$ |          | -          | $\dashv$ | $\dashv$ | $\vdash$   | 89       | $\vdash$                                     | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | -        | $\dashv$ | +        | $\dashv$ | $\vdash \vdash$                                  | 139        | $\dashv$ | +        | $\vdash$                               | -  | $\vdash\vdash$ | $\dashv$           | $\dashv$           | $\dashv$ |
|            | 40       |              | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | ᅱ          | $\dashv$ | $\dashv$ | <b> </b>   | 90       | $\vdash$                                     | -        | $\dashv$ | $\dashv$   | +        | $\dashv$ | +        | +        | $\dashv$ | $\vdash$   | 140        | -        | +        | $\vdash$                               | -  |                | $\dashv$           | $\dashv$           | $\dashv$ |
| $\vdash$   | 41       | -            | $\vdash$ | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\vdash$   | 91       |  |          | $\dashv$ | $\dashv$   | ┥        | +        | $\dashv$ | +        | $\dashv$ | <del>                                     </del> | 141        | +        | +        | ╁╴                                     |  | Н              | $\dashv$           | +                  | ᅱ        |
| <b>—</b>   | 42       |              | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | 一        | <u> </u>   | 92       | $\vdash$                                     | -        | $\dashv$ | +          | -        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\vdash$   | 142        | $\dashv$ | +        | $\vdash$                               | <del>                                     </del> | $\vdash$       | $\dashv$           | +                  | $\dashv$ |
|            | 43       |              | $\vdash$ | $\dashv$ | -        | 一        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | <b></b>  | 93       | H  | 一        | $\dashv$ | $\dashv$   | +        | +        | $\dashv$ | +        | $\dashv$ | <del>  </del>                                    | 143        | $\dashv$ | ╁        | <del> </del>                           | $\vdash$   | $\vdash$       | $\dashv$           | -+                 | ㅓ        |
|            | 44       |              | $\dashv$ | _        | _        | $\dashv$ | $\dashv$ | _          | 十        | $\dashv$ |  | 94       | Н  | ᅥ        | $\dashv$ | $\dashv$   | -+       | $\dashv$ | +        | +        | ┪        |  | 144        | $\dashv$ | t        | +                                      | $\vdash$   | $\vdash$       | $\dashv$           | $\dashv$           | $\dashv$ |
|            | 45       |              | $\dashv$ | -1       |          | 1        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ |  | 95       | Н  | $\neg$   | $\dashv$ | 十          | -        | $\dashv$ | +        | $\dashv$ | ┪        | $\vdash \vdash$                                  | 145        | -        | +        | $\vdash$                               |  |                | $\dashv$           | $\dashv$           | ᅱ        |
|            | 46       | $\vdash$     | $\dashv$ | 一        |          | T        |          | 7          | $\dashv$ | $\dashv$ |  | 96       | $\vdash$                                     | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +        | ╡        | $\vdash$   | 146        | +        | +-       | $\vdash$                               |  | $\vdash$       | $\dashv$           | +                  | $\dashv$ |
|            | 47       |              | $\dashv$ | 7        |          | $\dashv$ | 7        | $\dashv$   | 寸        | $\dashv$ |  | 97       | Н  | $\dashv$ | 一        | 7          | _        | $\dashv$ | $\dashv$ |          | 1        |  | 147        | $\dashv$ | +        | 1                                      |  | $\dashv$       | $\dashv$           | +                  | ㅓ        |
|            | 48       |              |          | $\dashv$ | $\dashv$ |          |          |            | $\dashv$ | $\neg$   |  | 98       | М  |          | 寸        | 寸          | 7        | $\dashv$ | $\dashv$ | $\top$   | ┪        |  | 148        | _        | †        | $\vdash$                               |  | $\vdash$       | $\dashv$           | +                  | ᅱ        |
|            | 49       |              | $\neg$   | 寸        | 寸        |          | T        | 7          | 7        | $\neg$   |  | 99       |  | _        |          | 寸          | 1        | 一        | $\dashv$ | $\top$   | 7        | $\vdash$   | 149        | $\neg$   | T        |  | $\vdash$   |                | $\dashv$           | $\dashv$           | ㅓ        |
|            | 50       |              | 一        | 寸        | $\neg$   |          | $\neg$   | $\neg$     | 寸        |          |  | 100      | $\Box$                                       | $\neg$   | $\neg$   | $\dashv$   | $\dashv$ | $\dashv$ | 十        | $\top$   | 7        | $\vdash \vdash$                                  | 150        |          | $\top$   |  | П  |                | $\dashv$           | $\dashv$           | ㅓ        |
|            |          |              | _        |          |          |          |          |            |          |          |  |          | ш  |          | —-       |            |          | _        | _        |          | _        | ш  |            |          |          | <b></b>                                |  | Щ              |                    |                    | _        |